

03/30/01  
1042 U.S. PTO

04-02-01

A

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (only for new and continuation-in-part nonprovisional applications under 37 CFR 1.53(b))	Docket No.:  P-IS 4588
---	------------------------------

1042 U.S. PTO  
09/823850  
03/30/01

Address to: COMMISSIONER FOR PATENTS  
Box Patent Application  
Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: EL 857042530 US

DATE OF DEPOSIT: March 30, 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE  
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER  
37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE, AND IS  
ADDRESSED TO: COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231.

Sean P. Dewey  
(TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)

[Signature]  
(SIGNATURE OF PERSON MAILING PAPER OR FEE)

This is a request for filing a  
  x   new utility patent application under 37 CFR 1.53(b)(1).  
  
\_\_\_\_\_ continuation-in-part under CFR 1.53(b)(2) of prior  
application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
(list entire parentage).

Title: METHODS FOR DETERMINING THE TRUE SIGNAL OF AN ANALYTE

Inventor(s) (full name of each inventor): Trey E. Ideker,  
Vesteinn Thorsson and Andrew F. Siegel

Enclosed are:

- x   Return receipt postcard
- x   Patent Application Bibliographic Data Sheet
- x     1   Page application cover sheet
- x     78   Pages of specification (includes claims and abstract)
- x     3   Sheets of drawing(s)
- \_\_\_\_\_ Pages of an executed Declaration for Patent Application
- \_\_\_\_\_ An executed Power of Attorney for Patent Application by Assignee
- \_\_\_\_\_ Paper copy of sequence listing, pages \_\_\_\_\_ through \_\_\_\_\_
- \_\_\_\_\_ Sequence listing in computer readable form
- \_\_\_\_\_ Statement Under 37 CFR 1.821(f)
- \_\_\_\_\_ An executed assignment and cover sheet
- \_\_\_\_\_ An executed Statement Under 37 CFR 3.73(b)
- \_\_\_\_\_ An executed small entity statement
- \_\_\_\_\_ Request for Nonpublication and Certification
- \_\_\_\_\_ Also enclosed: \_\_\_\_\_
- x   This application is based on, and claims the benefit of, U.S. Provisional Application No. 60/248,259, filed November 14, 2000, entitled Testing For Differentially-Expressed Genes by Maximum Likelihood Analysis of Microarray Data, and also claims benefit of U.S. Provisional Application No. 60/266,388, filed February 2, 2001, entitled Methods for Determining the True Signal of an Analyte, both of which are incorporated herein by reference.

Inventors: Ideker et al.  
Docket No.: P-IS 4588  
Page 2

The filing fee has been calculated as shown below:

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	85-20	=	65	x	\$9	\$18	=	\$	\$
Indepen- dent Claims	7-3	=	4	x	\$40	\$80	=	\$	\$
Multiple Dependent Claims Presented: ___ Yes ___ X No					\$135	\$270		\$	\$
					BASIC FEE			\$355	\$710
					TOTAL FEE			\$	\$

\_\_\_ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

X The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.

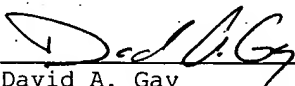
\_\_\_ The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

Address all future communications to:

Cathryn Campbell  
CAMPBELL & FLORES LLP  
4370 La Jolla Village Drive, 7<sup>th</sup> Floor  
San Diego, California 92122  
telephone: (858) 535-9001  
facsimile: (858) 535-8949  
**USPTO CUSTOMER NO. 23601**

Respectfully submitted,

Date: March 30, 2001

  
David A. Gay  
Registration No. 39,200  
CAMPBELL & FLORES LLP  
4370 La Jolla Village Dr., 7<sup>th</sup> Fl.  
San Diego, California 92122

Document: Patent Application  
Bibliographic Data Sheet Attorney  
Docket No: P-IS 4588



**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

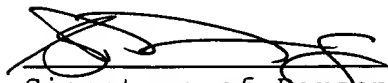
"EXPRESS MAIL" MAILING LABEL NUMBER: EL 857042530 US

DATE OF DEPOSIT: March 30, 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

SCANNED, # \_\_\_\_\_

Sean P. Dewey  
Printed Name of Person Mailing Paper or Fee

  
Signature of Person Mailing Paper or Fee